

human HDGF2 Nt - --TTTG-----ATA-----TGAACCAACACATAG--- -827
 |||| ||| |||| ||| |||
 mouse HDGF Nt - CCTTTGGGGTGGATAGTGGGCAGGAGTGGAGGTGAAAGAATATAAAGGAG -1141

human HDGF2 Nt - -----TCCTTGTGTGTCATTGAC-----AGAACC-----CCAG----- -854
 ||| ||| ||| ||| ||| ||| ||| ||| |||
 mouse HDGF Nt - TGTGGGTTTCATGGATGGCATCGTCTACCTGAGCTCCTGTCTCCAGCCCCC -1191

human HDGF2 Nt - -----TTTG----TATG--TACATT----- -868
 ||| ||| ||| ||| ||| |||
 mouse HDGF Nt - ACACTTATTTTCCCATCTGCCTACATTCAAGAAACAGGACACTGTGGGAG -1241

human HDGF2 Nt - -----ATTCAT--ATTCTCTCTGTTGTGTTTCGGG----- -897
 || ||| || || ||| ||| ||| |||
 mouse HDGF Nt - AGAGGCTACCATCCATCCATAAATCCTTGTTGATTTTGGGAACACTTAT -1291

human HDGF2 Nt - -----GGGAA-AAGACATTTTAGC-----CTTT-- -919
 ||| ||| ||| ||| ||| |||
 mouse HDGF Nt - CCCCTGACCCAGGGTTCAAGGAATTGTAGTTTAACATCTAGACTTTGG -1341

human HDGF2 Nt - --TTTAAAAGTT----- -929
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 mouse HDGF Nt - AGTTTCCAAGTTTGGGCCTAGGACCTGGAGGGAGCTAAGAGCTGAAGAAT -1391

human HDGF2 Nt - --ACTGATTTAATTTCA-----TGT-TATTTGGTT-----GCATGAA-- -963
 ||| ||| ||| ||| ||| ||| ||| ||| |||
 mouse HDGF Nt - CAACTGATTTCATTGAGGAAATGTCTCTTTAGATCTCAGGGCAGAAATG -1441

human HDGF2 Nt - -----GTTGCCCTTAACCACT----AAGGATTAT---C -989
 | ||| ||| ||| ||| ||| ||| |||
 mouse HDGF Nt - ATAACCTGGGGAGACCTGCTGCCTTCATCTACTTCCCAATGCTTGAGGCC -1491

human HDGF2 Nt - A-----AGATTTTTG-CGCAGACTTATA-----CATGTCT- -1018
 | ||| ||| ||| ||| ||| ||| ||| |||
 mouse HDGF Nt - AGCCTGTAGTCAGATATTTACCCAGACATAAAGGAAAAGACCATTTTTT -1541

human HDGF2 Nt - --AGGATC -1024 (SEQ ID NO: 3)
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 mouse HDGF Nt - TTAGGAAATGTTTTTAATAAAAA -1563 (SEQ ID NO: 9)

Identity: 68.7%

Fig. 1 (cont.)

human HDGF2

- MARP-RPREYKAGDLVFAKMKGYPHWPARIDELPEGAVKPPANKYPIFFF -49

mouse HDGF

- MSRSNRQKEYKCGDLVFAKMKGYPHWPARIDEMPEAAVKSTANKYQVFFF -50

human HDGF2

- GTHETAFLGPKDLFPYKEYKDKFGKSNKRKGFNEGLWEIENNPGVKFTGY -99

mouse HDGF

- GTHETAFLGPKDLFPYEESKEKFGKPNKRKGFSEGLWEIENNPTVKASGY -100

human HDGF2

- QAIQQQSSS-----ETEGEGGN-----TADASSEEEGDRVEEDGKGKRKN -139

mouse HDGF

- QSSQKKSCAAEPEVEPEAHEGDGDKKGS AEGSSDEEG-KLVIDEPAKEKN -149

human HDGF2

- EKAGSKRKKSYTSKKSSKQSRKSPGDEDD----- -168

mouse HDGF

- EKGT LKRRAGDVLEDSPKRPKESGDHEEEDKEIAALEGERHLPVEVEKNS -199

human HDGF2

-----KDCKEEENKSSSEGGDAGNDTRNTTSDLQKTSEGT -203 (SEQ ID NO. 4)

mouse HDGF

- TPSEPDSGQGPPAEEEEGEEEAKEEAEAPGVRDH-----ESL -237 (SEQ ID NO: 10)

Identity: 53.7%

Similarity: 9.4%

Fig. 2